

## **REMARKS**

Applicant respectfully requests reconsideration and allowance of the present application based on the foregoing amendments and following remarks. By this amendment, the specification and claim 25 have been amended. Upon entry of the amendment, claims 1, 3, 6, 8, 10, 16, 18, 20-22, 25, 26, 33 and 34 will remain pending in the application.

### ***Claim Rejections under 35 USC § 101***

Claims 16, 18, 20, 25, 26, 33 and 34 stand rejected under 35 U.S.C. 101 as being directed to non-statutory subject matter. For reasons set forth more fully below, this rejection is respectfully traversed.

Regarding claims 25 and 26, the Office Action stated that the claimed method must be tied to a particular apparatus or transform underlying subject matter to a different state or thing. Accordingly, independent claim 25 has been amended herewith to clarify that the claimed method is used in a matched filter, thereby overcoming the rejection.

Regarding claims 16, 18, 20, 33 and 34, the Office Action noted that the specification listed “paper” as one possible example of a computer-readable medium. The specification has been amended to delete this example, and so the rejection of these claims should be overcome.

### ***Allowable Subject Matter***

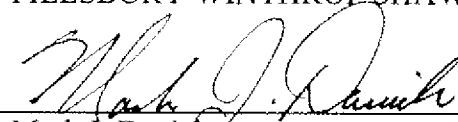
Applicants appreciate the Examiner’s indication that claims 1, 3, 6, 8, 10, 21 and 22 are allowable. With the above-noted attention to the issues regarding the remaining pending claims, all claims should now be allowable.

***Conclusion***

All objections and rejections having been addressed, it is believed that the claims are in condition for allowance, and Notice to that effect is earnestly solicited. If any issues remain which the Examiner feels may be resolved through a telephone interview, s/he is kindly requested to contact the undersigned at the telephone number listed below.

Respectfully submitted,  
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